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31036 U.S. PTO

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new non-provisional applications under 37CFR§1.53(b))		Attorney Docket No. DBH:8102.002	
		First Inventor or Application Identifier Maligeorgos	
		Title	VOLTAGE CONTROLLED QUADRATURE OSCILLATOR WITH PHASE TUNING
		Express Mail Label No. EL619333749US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Commissioner for Patents Box Patent Application Washington, D.C. 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Federally Sponsored Research - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer readable copy b. <input type="checkbox"/> Paper copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) Total Pages 5	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
4. Oath or Declaration Total Pages 3 a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 16 completed) I. <input type="checkbox"/> Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§1.53(d)(2) and 1.33(b)	8. <input type="checkbox"/> 37 CFR §3.73(b) Statement <input type="checkbox"/> Power of Attorney when there is an assignee 9. <input type="checkbox"/> English translation document (if applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be specifically itemized) 13. <input checked="" type="checkbox"/> Applicant claims Small Entity Status 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 15. <input checked="" type="checkbox"/> Other: Certificate of Mailing by Express Mail
* Note for Items 1 & 13: In order to be entitled to pay small entity fees, a small entity statement is required (37 CFR §1.27) except if one filed in a prior application is relied upon (37 CFR §1.28)	

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:  
Prior application information: Examiner \_\_\_\_\_ Group No./Art Unit \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(insert customer number or attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
Name	Donald B. Haslett				
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Name (print type)	Donald B. Haslett		Registration No. (Attorney/Agent)		28,855
Signature			Date	February 2, 2001	

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FORM PTO/SB/17 (12-99) (Modified)

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity  
Statement, otherwise large entity fees must be paid. See  
Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

\$355

Complete If Known

Application Number

Filing Date

2 Feb. 2001

First Named Inventor

Maligeorgos, James

Examiner Name

Group/ Art Unit

Attorney Docket No.

DBH: 8102.002

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to:

Deposit Account Number 03-1550

Deposit Account Name Chernoff Vilhauer McClung & Stenzel

- ☒ Charge any additional fee required under 37 CFR 1.16 & 1.17

2. ☒ Payment Enclosed

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) \$355

### 2. EXTRA CLAIM FEES

Total Claims	Indep. Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
3	1		-20* = 0	X	0
			-3* = 0	X	0
					0

\*or number of previously paid, if greater. For reissues, see below.

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	*Reissue independent claims over original patent
110	18	210	9	*Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) 0

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205		65 Surcharge - late filing fee or oath	
127	50	227		25 Surcharge-late provisional filing fee or cover sheet	
139	130	139		130 Non-English specification	
147	2,520	147		2,520 For filing a request for reexamination	
112	920*	112		920* Requesting publication of SIR prior to Examiner action	
113	1840*	113		1840* Requesting publication of SIR after Examiner action	
115	110	215		55 Extension for reply within first month	
116	390	216		195 Extension for reply within second month	
117	890	217		445 Extension for reply within third month	
118	1,390	218		695 Extension for reply within fourth month	
128	1,890	228		945 Extension for reply within fifth month	
119	310	219		155 Notice of Appeal	
120	310	220		155 Filing a brief in support of an appeal	
121	270	221		135 Request for oral hearing	
138	1,510	138		1,510 Petition to institute a public use proceeding	
140	110	240		55 Petition to revive - unavoidable	
141	1,240	241		620 Petition to revive - unintentional	
142	1,240	242		620 Utility issue fee (or reissue)	
143	440	243		220 Design issue fee	
144	600	244		300 Plant issue fee	
122	130	122		130 Petitions to the Commissioner	
123	50	123		50 Petitions related to provisional applications	
126	240	126		240 Submission of Information Disclosure Statement	
581	40	581		40 Recording each patent assignment per property (times number of properties)	
146	710	246		355 Filing a submission after final rejection (37 C.F.R. 1.129(a))	
149	710	249		355 For each additional invention to be examined (37 C.F.R. 1.129(b))	

Other (specify)

Other (specify)

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 0

SUBMITTED BY

Complete (if applicable)

Name (print type) Donald B. Haslett

Registration No.

28,855

Telephone

(503) 227-5631

Signature

*Donald B. Haslett*

Date

February 2, 2001

CERTIFICATE OF MAILING

BY "EXPRESS MAIL"



Express Mail No.: EL619333749US

Date of Deposit : February 2, 2001

I hereby certify that the utility patent application attached hereto entitled VOLTAGE CONTROLLED QUADRATURE OSCILLATOR WITH PHASE TUNING, James Maligeorgos, inventor, together with a Utility Patent Application Transmittal Form PTO/SB/05, and drawings (5 sheets), is being deposited with the United States Postal Service "Express Mail to Addressee" on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

  
Dwight Bergquist-Moody

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